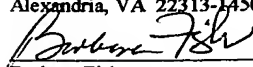


10/576855 TS6433US
ERM:BAF

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Alexandria, VA 22313-1450

1AP20 Rec'd PCT/PTO 19 APR 2006


Barbara Fisher

Date: 19 April 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re PCT International Application of:)

BLANGÉ, Jan-Jette)

Int. Appl No.: PCT/EP2004/052593)

Int. Filing Date: 20 October 2004)

NOZZLE UNIT AND METHOD FOR
EXCAVATING A HOLE IN AN OBJECT)

19 April 2006

COMMISSIONER FOR PATENTS
Box PCT: (DO/EO/US)
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.56 AND 1.97

Dear Sir:


It is respectfully requested that the documents listed on the attached Form PTO-1449 be considered by the Patent and Trademark Office in the above-entitled application and made of record therein.

The Examiner is requested to fully consider this information and to indicate consideration on the attached PTO-1449 (Modified) by initialing next to each item submitted by the Applicant(s).

Respectfully submitted,

BLANGÉ, Jan-Jette

P.O. Box 2463
Houston, Texas 77252-2463


Attorney, Eugene R. Montalvo
Reg. No. 32,790
(713) 241-0296

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.
TS6433

APPLICATION NUMBER

10/576855

LIST OF INFORMATION PROVIDED
BY APPLICANT

(Use several sheets if necessary)

APPLICANT
BLANGÉ, Jan-Jette

FILING DATE
20 October 2004

GROUP ART UNIT

REFERENCE DESIGNATION

U.S. PATENT DOCUMENTS

| Examiner Initial | | Document No. | Date | Patentee | Class | Subclass | Filing Date if Appropriate |
|------------------|----|--------------|---------|-------------------------|-------|----------|----------------------------|
| | AA | 4555872 | 12/3/85 | Gene G. Yie | 51 | 439 | 1/24/84 |
| | AB | 6283833 | 9/4/01 | Y.H. Michael Pao, et al | 451 | 40 | 8/16/00 |
| | AC | 2779571 | 1/29/57 | John E. Ortloff | 255 | 61 | 4/9/54 |
| | AD | | | | | | |
| | AE | | | | | | |
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FOREIGN PATENT DOCUMENTS

| | | Document No. | Date | Country | Class | Subclass | Translation Yes No | |
|--|----|--------------|---------|---------|-------|----------|-----------------------|--|
| | AL | 0119338 | 9/26/84 | EP | B26F | 3/00 | | |
| | AM | 00/66872 | 11/9/00 | WO | E21B | 7/18 | | |
| | AN | 0526087 | 2/3/93 | EP | B24C | 5/04 | | |
| | AO | 02/34653 | 5/2/02 | WO | B65G | 54/02 | | |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

| | | |
|--|----|---|
| | AR | International Search Report PCT/EP2004/052593 dated 14 January 2005 |
| | AS | |
| | AT | |

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

- The attached cited information should not be construed as an admission that any of the above items are prior art to the subject invention.
- This is not a representation that a search has been made

AP20 Rec'd PCT/PTO 19 APR 2006

FORM PTO-1449 (Modified)

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|------------------|--------------|------|----------|-------|----------|----------------------------|
| AA | | | | | | |
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FOREIGN PATENT DOCUMENTS

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|----|--------------|----------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| AL | 02/092956 | 11/21/02 | WO | E21B | 7/18 | | |
| AM | 91/12930 | 9/5/91 | WO | B24C | 5/04 | | |
| AN | 2005/005766 | 1/20/05 | WO | E21B | 7/18 | | |
| AO | 2005/051426 | 6/9/05 | WO | A61K | 45/06 | | |

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

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LIST OF INFORMATION PROVIDED
BY APPLICANTAPPLICANT'S NAME
BLANGE, JAMES JFILING DATE
20 October 2004

GROUP ART UNIT

(Use several sheets if necessary)

AP20Rec'd PCT/PTO 19 APR 2006

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U.S. PATENT DOCUMENTS

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|------------------|--------------|------|----------|-------|----------|----------------------------|
| AA | | | | | | |
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| AJ | | | | | | |
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|----|--------------|---------|---------|-------|----------|-------------|----|
| | | | | | | Yes | No |
| AL | 2005/005765 | 1/20/05 | WO | E21B | 7/18 | | |
| AM | 2005/005768 | 1/20/05 | WO | E21B | 7/18 | | |
| AN | 2005/040546 | 5/6/05 | WO | E21B | 7/18 | | |
| AO | | | | | | | |

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